

COMMERCIAL SUPPLEMENT TO FRANK LESLIE'S ILLUSTRATED NEWSPAPER

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NEW YORK—FOR THE WEEK ENDING OCTOBER 27, 1888.

[SUPPLEMENT]

FRANK LESLIE'S ILLUSTRATED NEWSPAPER.

[SUPPLEMENT, OCTOBER 27, 1888.]

HIVES OF INDUSTRY.

DESCRIPTIONS AND VIEWS OF FAMOUS FACTORIES AND WORKSHOPS IN CINCINNATI, CLEVELAND, ROCHESTER, BINGHAMTON, LOCKPORT, BALTIMORE AND ELSEWHERE.

PRACTICAL RESULTS OF A PERSONAL TOUR OF A SPECIAL ARTIST AND CORRESPONDENT OF THIS PAPER.

THE rapid growth and infinite variety of the industries of the United States is the marvel of the age. A catalogue of the different manufactured products of this country would exhaust every letter of the alphabet. The natural productiveness of the soil and the varieties of climate are such, that we can grow everything used by our own people, with perhaps the exception of tea and coffee. The semi-tropical regions of Lower Florida, with its average annual temperature of sixty-nine degrees, contrasts strongly with the cold climate of Minnesota, Dakota, Wyoming and Oregon, where the average is only above forty; and between these two extremes may be found every known variety of climate, so that it is possible for an American citizen, without going out of his native country, to live all the year round among flowers, or to sit comfortably by the fire in the middle of Summer.

The National Census of 1880 gave a total number of manufacturing establishments in the United States—253,840, with an invested capital of \$5,369,667,706. In the eight years which have elapsed since this census, these amounts have been largely increased, for new industries are continually springing up everywhere. The Iron and Steel industry, for instance, has made a marvelous advance within the past lustrum, and the never-ceasing invention of labor-saving machinery is continually opening new fields for industry.

During the past Summer an artist and a correspondent attached to FRANK LESLIE'S ILLUSTRATED NEWSPAPER have made a personal inspection of some of the most prominent of the many Hives of Industry which are scattered all over our country, and this Commercial Supplement embodies the results of their tour. Everywhere they went they found evidence of the immense wealth of the country in industrial matter. Necessarily they have been compelled to record their descriptions in the briefest manner, and to omit many establishments which are worthy to be included; for had they been permitted, they could have filled many papers of the size of the present, and yet not have exhausted the subject.

The following pages must therefore be considered as indications only of the industrial life of the nation.

SUPPLEMENT, OCTOBER 27, 1888.]

FRANK LESLIE'S ILLUSTRATED NEWSPAPER.

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BUFFALO, N. Y.

THE State of New York, well called the Empire State, leads in industries, and the City of Buffalo, familiarly named by its enthusiastic citizens the Queen City of the Lakes, is conceded a manufacturing centre of the first class, ranking second to New York city only.

AMERICAN GLUCOSE CO.

This company makes both glucose and starch. The starch factory has a frontage on the Erie Canal of 300 feet, and on Court Street of 500 feet. It is 200 feet deep on the south end, and 100 feet on the north. It has a capacity for manufacturing into starch 1,800 bushels of corn daily, giving employment to about 200 hands. The glucose factory, fronting on Scott Street, has a frontage on the main building of 163 feet, running back 180 feet to the Hamburg Canal. The factory-office, machine-shop, corn-house, etc., occupy an additional 62½ feet frontage on Scott Street, also running back 180 feet to the Hamburg Canal. Directly across Scott Street are the company's warehouses; also a dry-house, 59 feet wide and 189 feet deep, containing dryers, invented by the mechanics of the company, for drying the feed, which is that part of the corn remaining after the starchy matter which is converted into glucose has been taken out. This building also contains the bins for storing the feed. In the glucose factory the company uses 10,000 bushels of corn per day, employs about 400 men, uses about 150 tons of coal per day, and produces about twelve carloads of goods and about twelve carloads of feed. The feed is used by all the farmers in the vicinity, and is also shipped on the railroads as far south as Albany, N. Y.

AMERICAN PALACE STEAM LAUNDRY CO.

This extensive laundry was established in 1882 by its present proprietors, Messrs. Skinner & Godfrey. Besides 100 skilled operatives in Winter and 150 in Summer, a valuable plant of novel and improved special machinery—invented and patented by the members of the firm—vastly increases the capacity of the works for doing large quantities of laundry-work of every description at the shortest notice and in the best possible style, without injury to fabrics or loss of goods. Among the machinery upon which the firm pride themselves may be mentioned fifteen washers, each designed for a distinct class of work, and which they perform perfectly, together with a variety of ironing, starching, collar-and-cuff turning and dampening machines. A neat sixty-horse-power engine operates all of these and some other machines and an elevator for conveying operatives and work between the floors. While they give careful attention to every description of laundry-work, their specialties are fine shirts, collars, cuffs, lace curtains and fluting. The firm do an average business of \$75,000 a year, and are constantly increasing it.

BUFFALO BANKS.

Buffalo has fifteen State banks and one National bank of issue.

THE THIRD NATIONAL BANK.

This bank was chartered February 14th, 1865, and on February 14th, 1885, was extended for twenty years. The present management took

control in 1881, since which the bank has nearly trebled its assets and business. The directors are well-known professional and business men of character and responsibility. The officers are: Charles A. Sweet, president; John D. Hill, vice-president; Nathaniel Rochester, cashier; William H. Stebbins, assistant cashier. The bank building is a substantial four-story and basement structure, centrally located, with a frontage of 40 feet on Main Street and 176 feet on Swan Street, and is well provided with fire and burglar proof vaults.

AMERICAN EXCHANGE BANK.

This bank was incorporated under the State Banking Laws, in April, 1853, as White's Bank of Buffalo, with a paid-up capital of \$100,000. Mr. George C. White being its founder, and president until February, 1868, when he resigned on account of failing health. In April, 1887, the corporate name of the bank was changed, owing to the impression that it was merely a private bank. A large increase of business followed the change. This bank, during its existence, has paid out to its stockholders \$768,000 in dividends, and at present has \$40,000 undivided profits.

MERCHANTS' BANK.

This institution, chartered in 1881, is already in the front rank as regards character, solidity, usefulness and public confidence. The officers are: W. H. Walker, president; James P. Smith, vice-president; F. W. Fiske, cashier; W. H. D. Barr, assistant cashier. The statement on June 16th last showed deposits, \$1,516,767.28; undivided profits, \$86,523.08. The capital is \$300,000.

MARINE BANK.

This bank was chartered in 1850. Its capital is \$200,000, and present surplus, \$300,000. Its officers are: S. M. Clement, president; J. M. Richmond, vice-president; S. M. Clement, Jr., cashier.

BREWERIES.

One of the most striking features of the development of Buffalo's industrial resources is seen in the growth of the brewing business, which now ranks among the leading interests, both in the amount of capital invested and the number of men employed. The largest establishment is

GERHARD LANG'S PARK BREWERY.

This now celebrated brewery was founded in the year 1845 by Mr. Philip Horn, to whom Mr. Jacob Wepner succeeded, Mr. Lang buying out the latter in 1863. Under the present administration the property has grown to extraordinary proportions and immense value, the malt-houses and brewery buildings occupying an entire block, bounded by Jefferson, Best, Berlin and Dodge Streets, and the architectural character of the improvements are of the handsomest and most substantial description, as will be seen by reference to our engraving on page 13. The establishment employs in all 110 men, and the average annual output is not less than 110,000 barrels of the finest quality of lager-beer—a favorite brand at home and sold largely throughout the Atlantic States, as far south as Virginia, Baltimore and Washington, the New York and Philadelphia markets being supplied by direct shipments from Buffalo in refrigerator-cars. All the malt required in the brewing operations is made on the premises from selected Canada barley, and is of the highest grade. The brewery itself is equipped, from vault-floors to roof, in the most complete and perfect manner, with every improved modern appliance, including several immense ice-machines, and additional facilities and conveniences are added, from time to time, as required. The leading specialty is Bohemian lager-beer for export and home consumption, and it is safe to say that no finer article is made either in this country or in Europe.

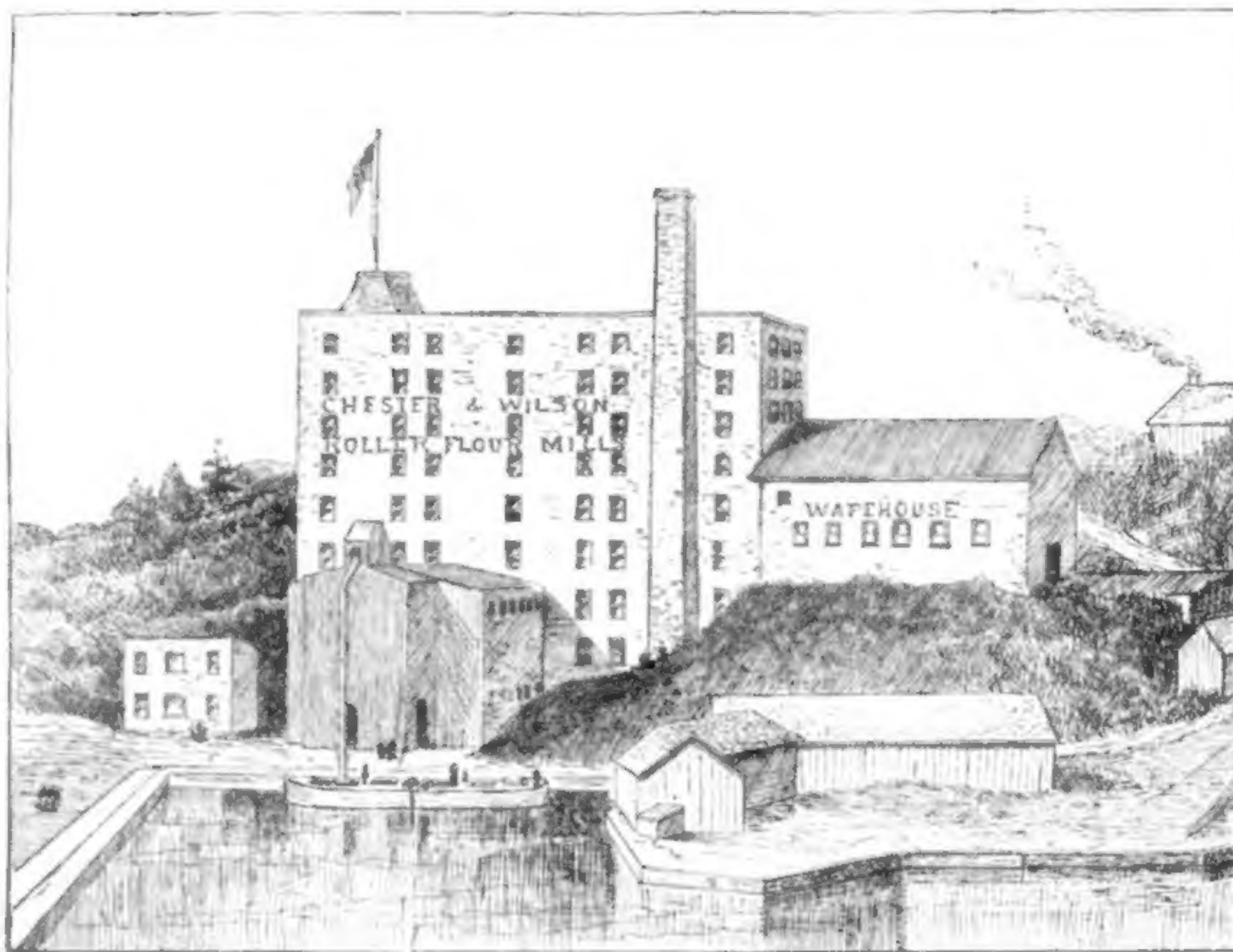
Mr. Gerhard Lang is a native of Germany, and emigrated to this country in 1848, when but fourteen years old.

MAGNUS BECK BREWING CO.

This brewery is operated by a corporation, of which Mr. Joseph Timmermann is president; Mr. Charles Laney, vice-president; Mr. Ed. Kretz, secretary; Mr. A. J. Meyer, treasurer, and W. E. Schen, manager. The immense brewery is at the corner of North Division and Spring Streets, and the lager made here has a national reputation.

BUFFALO STAINED GLASS WORKS.

The renowned Buffalo Stained Glass Works were founded on a small scale in 1845, by the late William G. Miller, who was succeeded in 1864 by Messrs. Booth & Riester, they continuing until January, 1888, at which time Mr. Booth withdrew, leaving Mr. F. J. Riester the sole owner. The works at present occupy commodious rooms at No. 29 Pearl Street and over Nos. 23 and 25 Terrace, having three floors 60x60 feet square, where twenty skilled artists and operatives are employed and an immense amount of intricate and costly work



NEW YORK.—CHESTER & WILSON, LOCKPORT.

is done. Among the latest fine specimens of their handicraft may be mentioned a beautiful memorial window in the Olean Baptist Church; the illuminated windows of St. James's Protestant Episcopal Church, Buffalo; the English Lutheran Church, Canton, O.; the Presbyterian Church, Gowanda, N. Y.; a Catholic church at Gallitzin, Pa.; St. Peter's Catholic Church, Allegheny, Pa., and the new Polish church of Buffalo.

BUFFALO STORAGE & CARTING CO.

This house was established some twenty years ago under the style of the Lake Shore Transit Co., under which title the business was carried on until 1883, when it changed to Buffalo Storage & Carting Co., which now gives employment to about sixty-five experienced men, and does all the carting for nearly all the railroads centring in Buffalo, as well as for nearly all the leading mercantile houses.

BUFFALO TOBACCO WORKS.

The Buffalo Tobacco Works, successors to Davis & Brown, was incorporated in August, 1887. Officers: Henry Breitwieser, president; William Davis, vice-president; William G. Brown, secretary and treasurer—all of whom have had a large experience in the business. The works are situated on the corner of Court and Pearl Streets. The establishment is one of the neatest and best arranged of its kind in the country. A large force of skilled labor is employed in the manufacture of fine-cut chewing and smoking tobacco.

COSACK & CO.

This progressive lithographing house stands at the head of the art in the United States, and is composed of Messrs. H. Cosack, H. T. Koerner, and Charles E. Hayes. The factory and buildings occupy a floor-space of over 70,000 square feet, and were built expressly by the firm for the purpose of lithographing. The press-room is the largest lithographic press-room in the United States. The output of this establishment averages 100 tons of printed lithographs per month, and its orders come from every State in the United States. Originally started in a modest way by Mr. Cosack, April 4th, 1864, it has assumed the proportions of a business doing \$500,000 per year, and is steadily increasing. Among the names

upon this company's books, none is pointed to with more pride than that of Mrs. Frank Leslie, the bulk of whose lithographing Cosack & Co. have steadily retained during the past few years.

R. W. CHISHOLM.

The firm of Chisholm & Parrish, wholesale dealers in coal and coke, was dissolved on March last, the business being continued by R. W. Chisholm.

G. ELIAS & BRO.

Among the principal industries of Buffalo is the lumber business. The leading firm in this line is the well-known house of G. Elias & Bro., who make a specialty of oak, pine and hemlock timber sawn to order, and who have their headquarters at their hardwood-yard—said to be the largest hardwood-yard in the State, and one of the most convenient, as to location and arrangement, in the country. It occupies an entire square 225x1,000 feet in size, containing over five acres of ground, in the very heart of the city, and adjoining several of the chief railroads running into the city.

FORBUSH & BROWN.

This old and representative house was established in 1853 by Jonathan C. Forbush, Justin Forbush and Nathaniel Brown, who came to Buffalo from Grafton, Mass. They were all three practical men, and from the first devoted their entire attention to the making of hand-made boots and shoes, equal in workmanship, finish and quality of stock to the very best custom work. Their success was at once assured, and the house soon took, and has since maintained, a leading position among the manufacturers of the country. Justin Forbush was killed in a railroad accident in 1868, and Mr. Brown retired, in 1883, to enjoy his well-earned ease; since which time the business has been carried on by the senior member, Jonathan C. Forbush, under the old and honored firm name.

GIES & CO.

The establishment of Gies & Co. (incorporated) is one of the most complete of its kind in the country, and Buffalo may justly be proud of it. In its various departments of lithography, wood-engraving, electrotyping, printing and binding it gives employment to 241 persons. The plant embraces twenty large

power lithographic and cylinder type presses, all of the Hoe make, twenty-nine hand and Gordon presses, together with a complete equipment for electrotyping and binding, the whole being valued at \$325,000, exclusive of paper stock, of which they constantly keep a large supply on hand. Their product enjoys an enviable reputation throughout the country.

R. F. GEUTSCH & SONS.

This house was established in 1847, and has been under the present proprietors since 1859. The French and German mustards, pickles, cider, white wine and cider vinegars are all well known in Buffalo for their purity and flavor.

HAGAR & FEIST.

This firm is composed of Edward M. Hagar and John Feist, both of whom have had long experience in the business of building. In November, 1883, with Mr. A. Ralph Clark, they built the large and fully equipped planing-mill, 141-153 Elm Street. In January, 1887, Mr. Clark retired. Having recently put in new power, and with a full equipment of the latest improved wood-working machinery, Messrs. Hagar & Feist have the most complete planing-mill plant in Buffalo, and are prepared to take and execute the largest kind of building contracts.

HATCH & JENKS.

A Buffalo firm which has earned for itself an enviable reputation with the trade and consumers is that of Hatch & Jenks, Nos. 155 and 157 Washington Street. Messrs. Hatch & Jenks are heavy importers and jobbers of fine teas, coffees and spices, and, having the advantage of steam-power and a complete line of modern improved machinery, they put upon the market large quantities of roasted coffees, ground spices, etc., conveniently packed for the trade in such a manner as to retain their aroma and strength indefinitely. The Buffalo Coffee, Spice and Drug Mills were erected in 1849 by Messrs. Bradford & Chase, and for many years enjoyed a fame coextensive with the Union, changing

hands several times. In April, 1881, Messrs. Hatch & Jenks, importers of teas, coffees and spices, purchased these mills with the view of extending their operations, which they have succeeded beyond their anticipations in doing, their average sales for several years exceeding \$150,000. They are also manufacturers on a large scale of chemically pure baking-powders and flavoring-extracts, and will fill all orders promptly and satisfactorily.

SHERMAN S. JEWETT & CO.

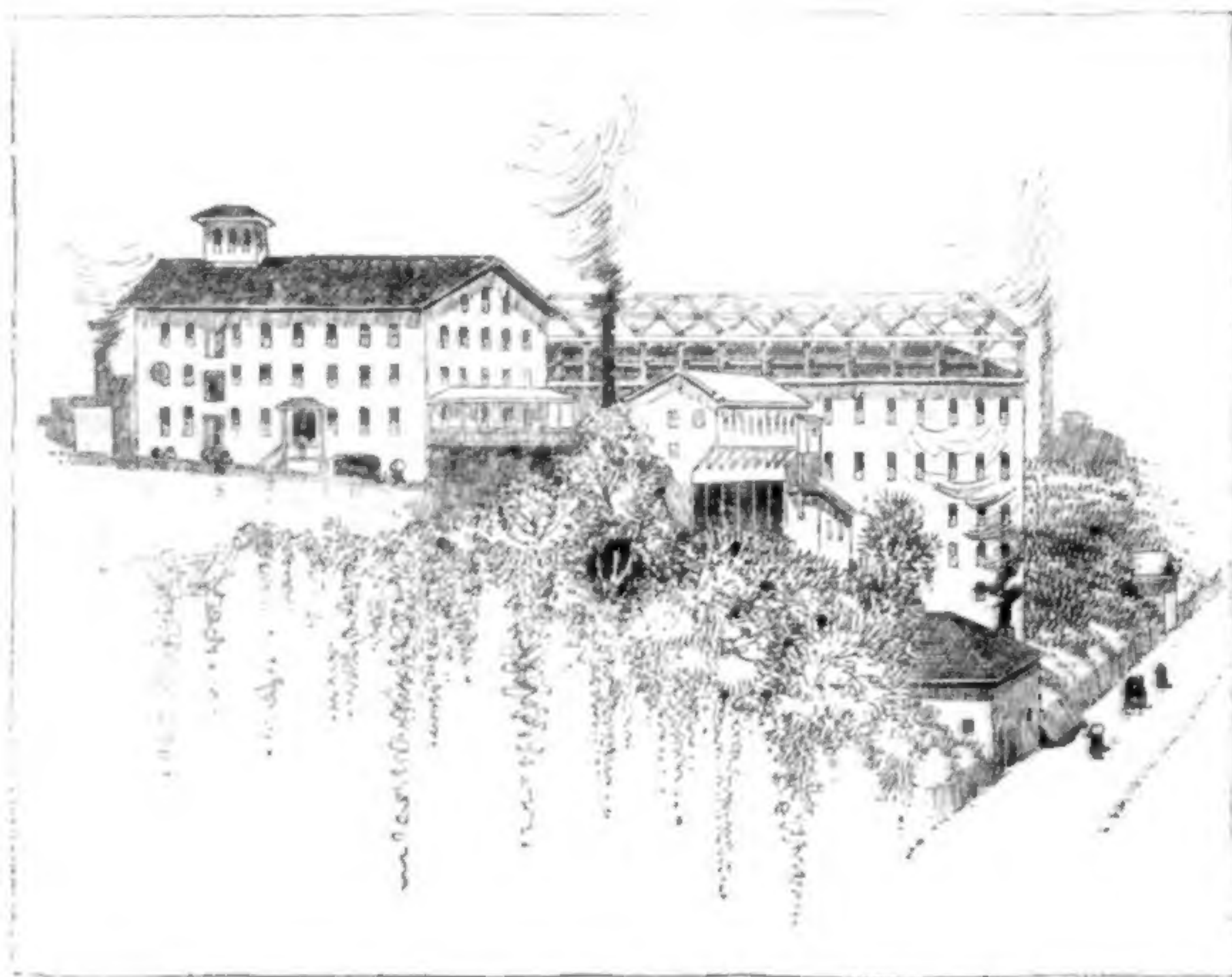
Two years ago this well-known firm had the pleasure of celebrating its golden anniversary, having been established by Sherman S. Jewett and F. H. Root in 1836. The firm have always confined themselves to the manufacture of cooking and heating stoves, and their remarkable success during the past fifty years is due to the superior quality and workmanship of their goods, which has established for the Jewett stoves and ranges an undisputed reputation for excellence in every State in the Union. The founder, Mr. Sherman S. Jewett, has always been closely identified with the material and intellectual development of the City of Buffalo, and none of its citizens have contributed more to its welfare than he has. To commemorate its fiftieth anniversary, the firm of Sherman S. Jewett & Co. erected the fine fire-proof block on Seneca Street, which contains their offices, and a show-room for their immense line of stoves and ranges.

LAUTZ BROS. & CO.

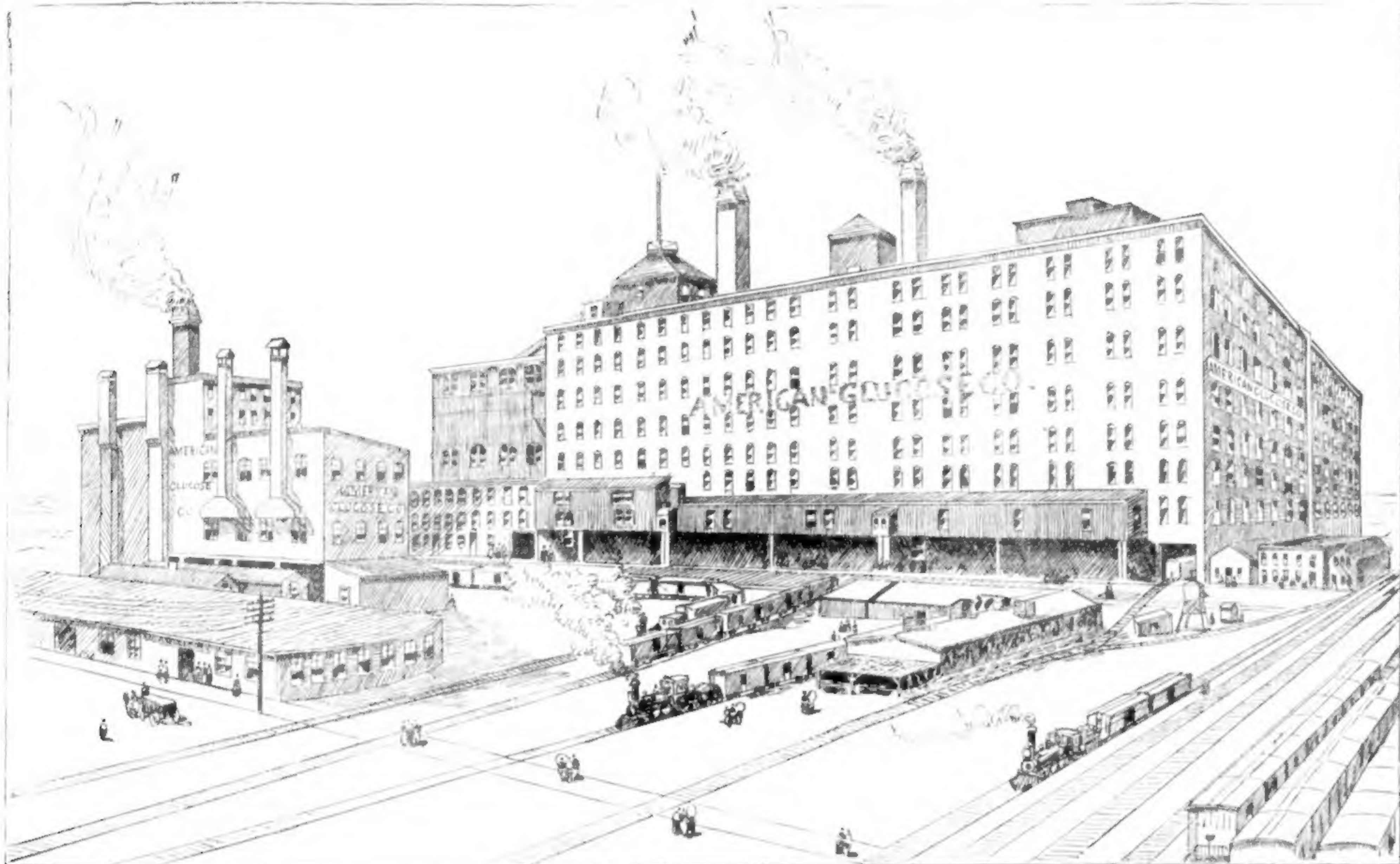
Lautz Bros. & Co., manufacturers of the popular brands of Acme, Master, Marseilles White, Gloss Soaps, etc., have an extensive trade in all sections of the country, and make a specialty of the better grades of laundry soaps, and guarantee the goods to be pure and of superior quality.

JOSEPH METZ.

Mr. Joseph Metz is the proprietor of the large planing-mill on Elm Street. He is well known as a contractor and builder, and in addition deals in pine and hemlock lumber, and is a large manufacturer of flooring, siding, laths, shingles and fence-posts.



NEW YORK.—HOLLY MANUFACTURING CO., LOCKPORT.



NEW YORK.—THE AMERICAN GLUCOSE CO.'S WORKS, BUFFALO.

F. H. C. MEY.

The City of Buffalo is one of the most important grain ports in the United States, and there are many elevator companies located along the basin and the lake-front. It is therefore natural that there should be some enterprising manufacturing houses in the city making a specialty of elevator-work, and chief among such must be mentioned Mr. F. H. C. Mey, builder of the best dryer for grain, malt brewer grains, etc., and manufacturer of elevator-buckets and chain belting, for elevating, conveying and driving purposes. This business was



NEW YORK.—LAUTZ BROS. & CO., BUFFALO.

established twenty years ago, and has steadily advanced in extent and in importance. The premises occupied are located at Nos. 64 to 68 Columbia Street.

MILLER, GREINER & CO.

Messrs. Miller, Greiner & Co. are strictly wholesale dealers in groceries and produce, embracing full lines of everything required by the trade, all of the best grades and sold at lowest market quotations. The house was founded by Mr. A. D. A. Miller, who began business at Commercial and Canal Streets in 1834, removing to the foot of Main Street in 1849. In 1852 the style was changed, on the admission of Mr. John Greiner, to A. D. A. Miller & Co. Later, Messrs. Albert C. Miller and Charles Greiner became members of the



NEW YORK.—MARINE BANK, BUFFALO.

firm, and the company was removed to the present location, where they occupied a splendid five-story brick building, 70x175 feet, in 1875, since which time they have rapidly developed their trade, the transactions reaching \$1,000,000 to \$1,500,000 per annum, and extending all over New York, Pennsylvania and Ohio.

NIAGARA STARCH WORKS.

The Niagara Starch Works enjoy an enviable reputation for their Niagara Corn Starch and their Niagara Gloss Starch, the one for the table and the other for the laundry. The popularity of these two brands is fully accounted for by their merit.

QUEEN CITY LAND OFFICE.

Messrs. James Mooney & Bro., whose office is at No. 20 Arcade Building, conduct one of the largest and most successful real estate and general insurance brokerage in the City of Buffalo. They manage estates, collect rents, pay taxes, and look after the property of many non-resident owners or others, who desire relief from the annoyance and burden of managing their own property; but their principal business is in buying and selling lands on their own account in and around Buffalo. They also represent some of the oldest and most reliable insurance companies in the United States.

QUEEN CITY SHIRT CO.,

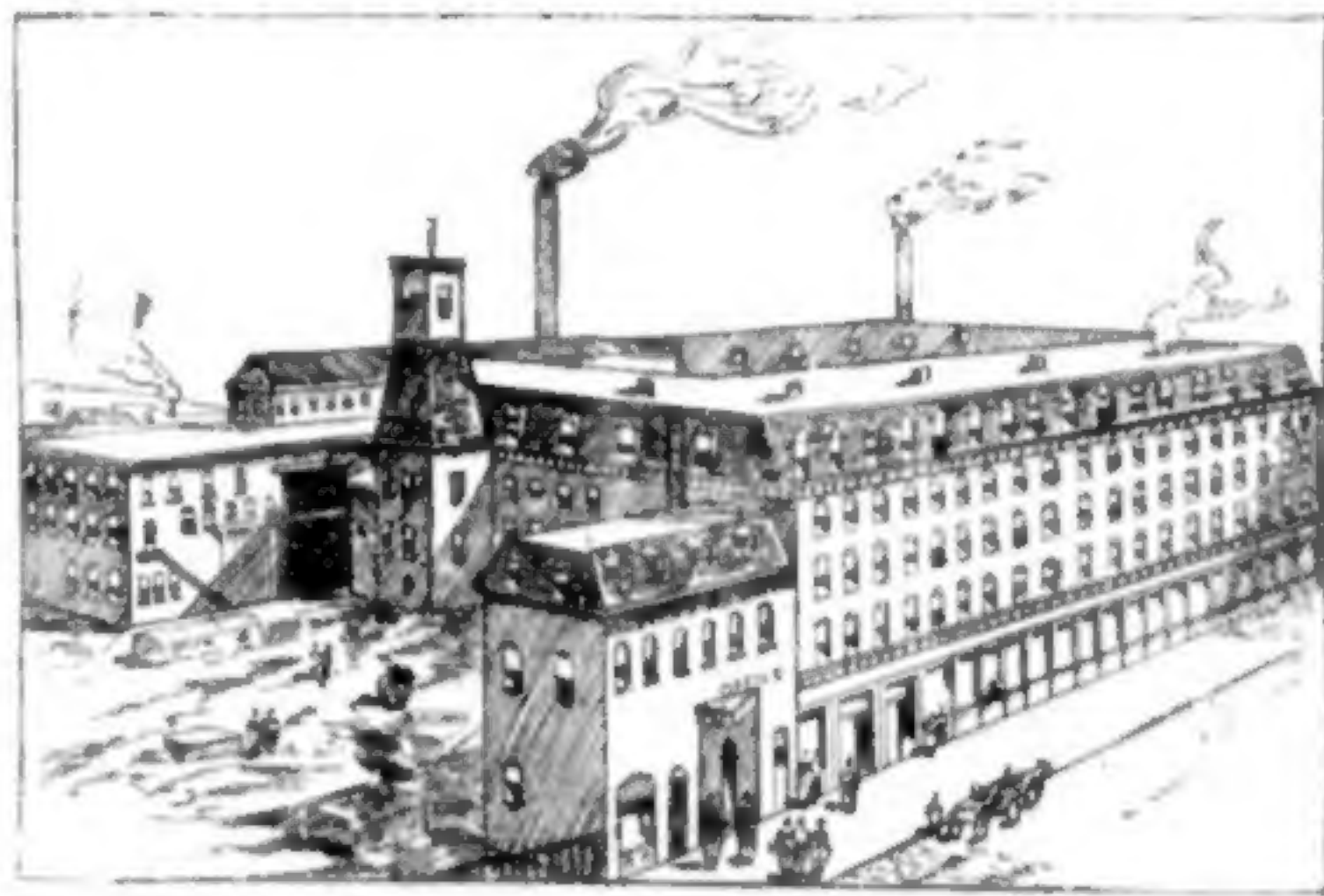
Manufacturers of white shirts, at Nos. 44 to 50 Exchange Street, is one of the most popular and successful industries of the city. This enterprising firm commenced business in 1881 with twenty-five employes. Their increased business has required the establishment of branch manufactories at Lockport, at Tonawanda, Black Rock, East Buffalo, and Erie, Pa. Their pay-roll now numbers 600 names, and they turn out about 1,500 dozen per week, the larger share being sold unlaundered. Their goods bear the brand of "The Queen."

ROBINSON & DICK,

Steam confectioners, are equipped throughout with steam and first-class machinery for making all kinds of staple goods, and have between eighty and ninety people in their different branches of candy-making. They are constantly producing new and original big-selling penny goods, that attract equally the jobber and the youth of the country. They have become thoroughly known through all the Eastern, Western and Middle States of the Union, and are eagerly sought by the retail dealers.

GEORGE W. TIPT, SONS & CO.,
IRON WORKS.

This firm succeeded the Buffalo Steam Engine Works some thirty years ago, and is one of the largest establishments in Western New York, employing on an average 250 men in boiler-shops, foundry and machine shops. Their yearly output is from 300 to 350 engines and boilers, besides a large amount of architectural work and general machinery. The well-known portable locomotive-boiler originated with them, and has been extensively copied throughout the United States.

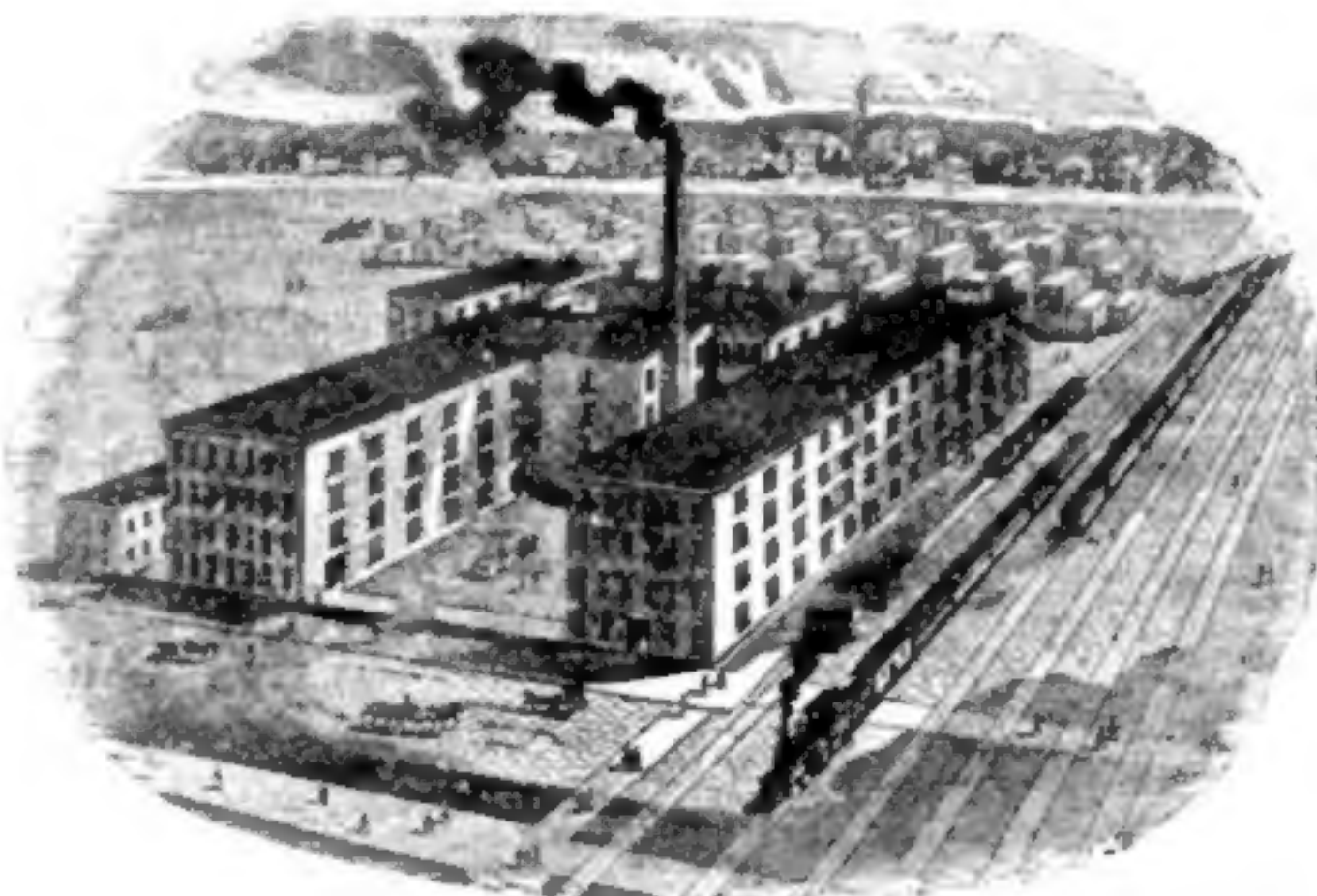


NEW YORK.—JOSEPH METZ, BUFFALO.

LOCKPORT.

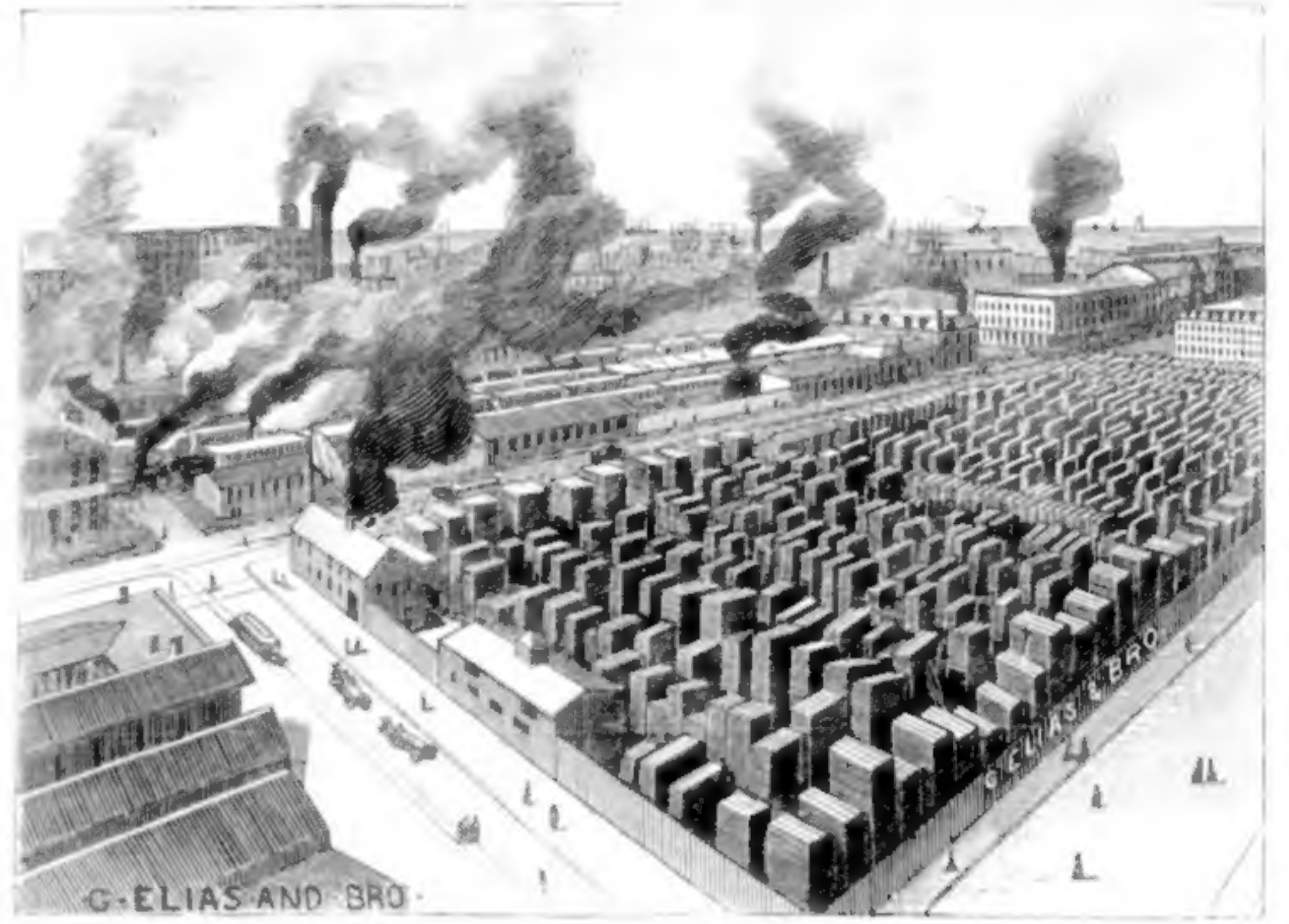
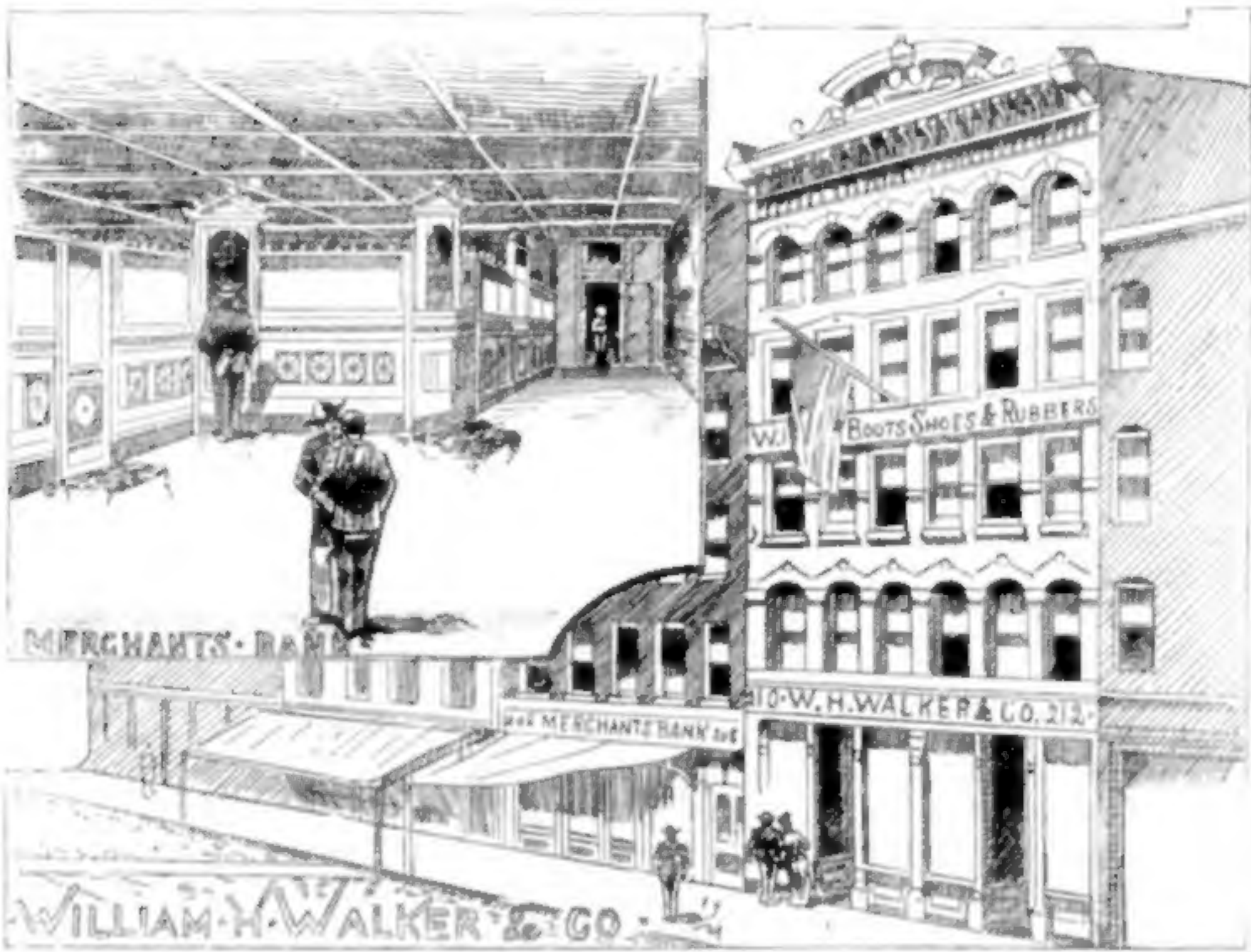
Messrs. Chester & Wilson, of Lockport, have the oldest mills in that city, dating back to 1833. The elevator has a capacity of about 50,000 bushels of wheat, and the mills turn out about 500 barrels of flour daily.

The Holly Manufacturing Co., builders of the Holly system of water-works, and makers of the Gaskill pumping-engines, is the chief attraction in Lockport. The system is pumping directly into the water-main, doing away with the necessity of a reservoir. The system is in practical operation in Garden City, Long Island.

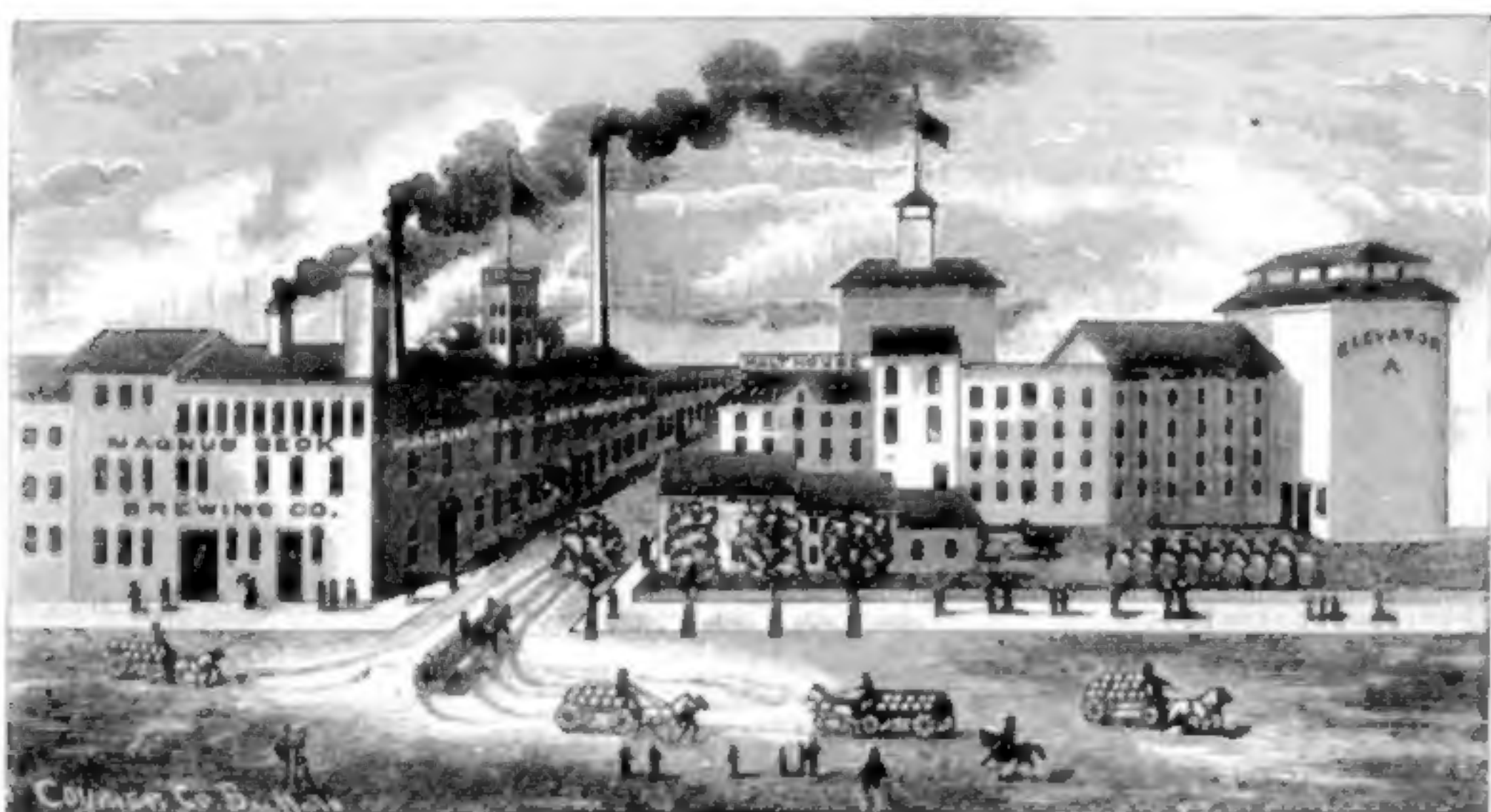
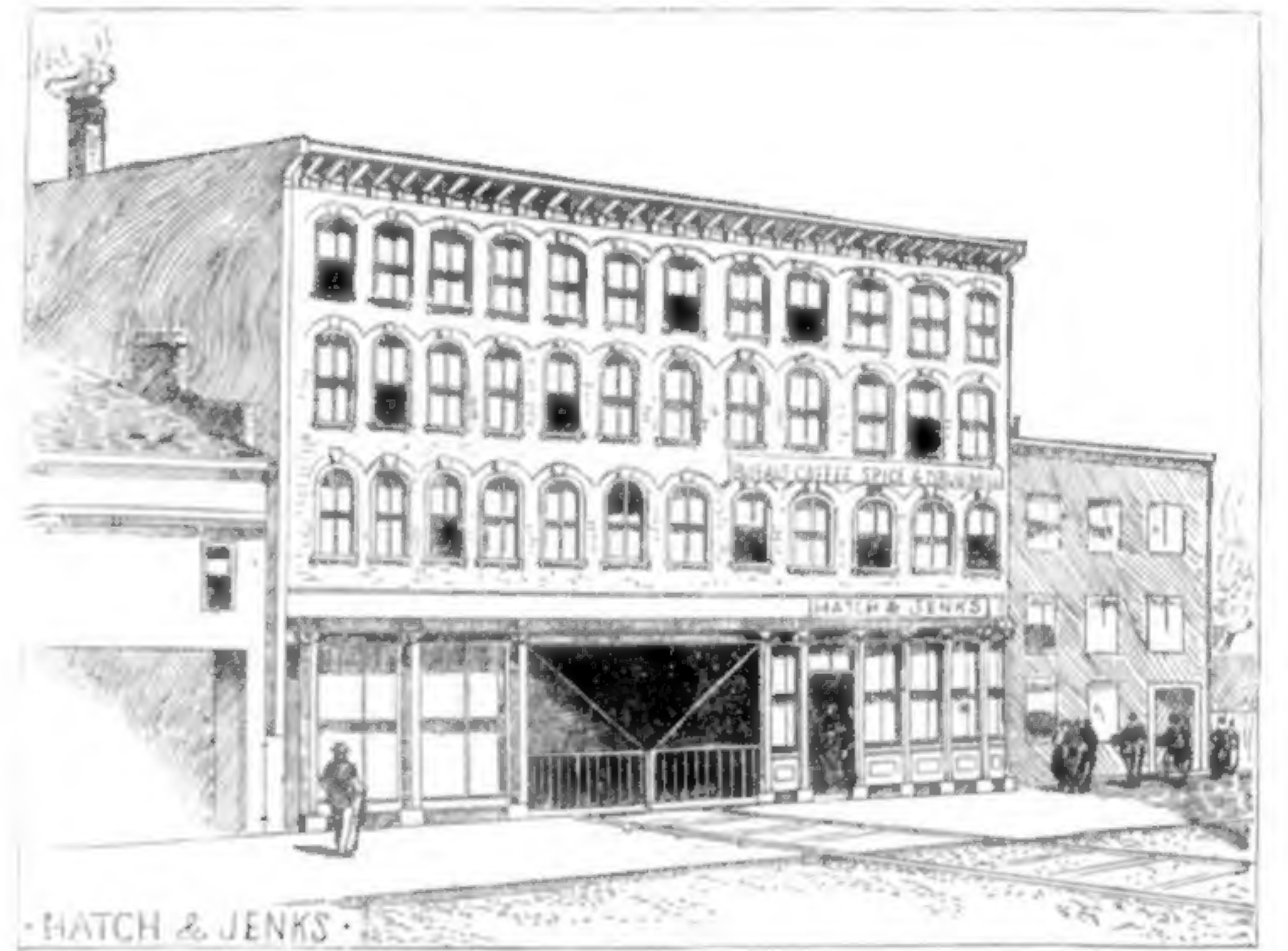
NEW YORK.—KINGMAN, STURTEVANT & LARRABEE,
LOCKPORT.NEW YORK.—WILKINSON & EASTWOOD,
LOCKPORT.



PROPRIETORS OF THE AMERICAN PALACE STEAM LAUNDRY



BUFFALO STORAGE CO.



THE MAGNUS BECK BREWERY.



MILLER, GREINER & CO.



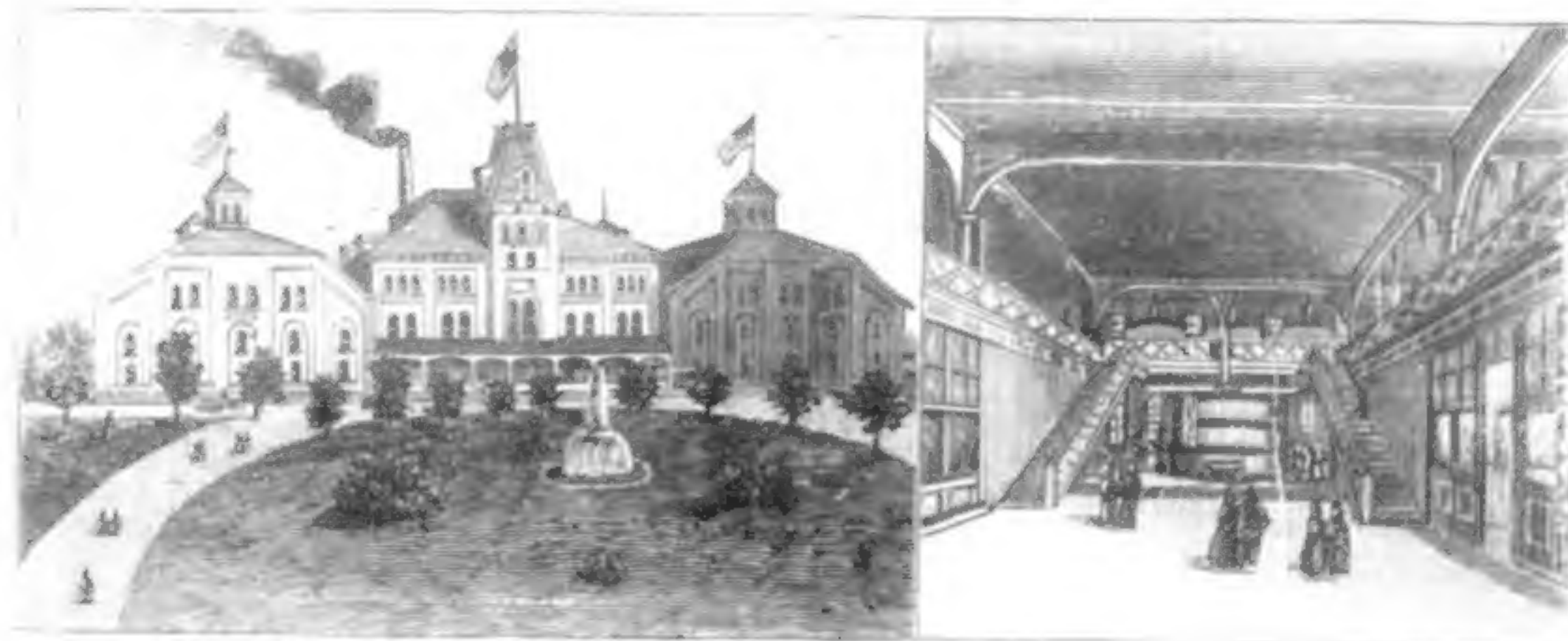
BUFFALO TOBACCO WORKS

NEW YORK.—THE LEADING INDUSTRIES AND COMMERCIAL HOUSES OF BUFFALO.

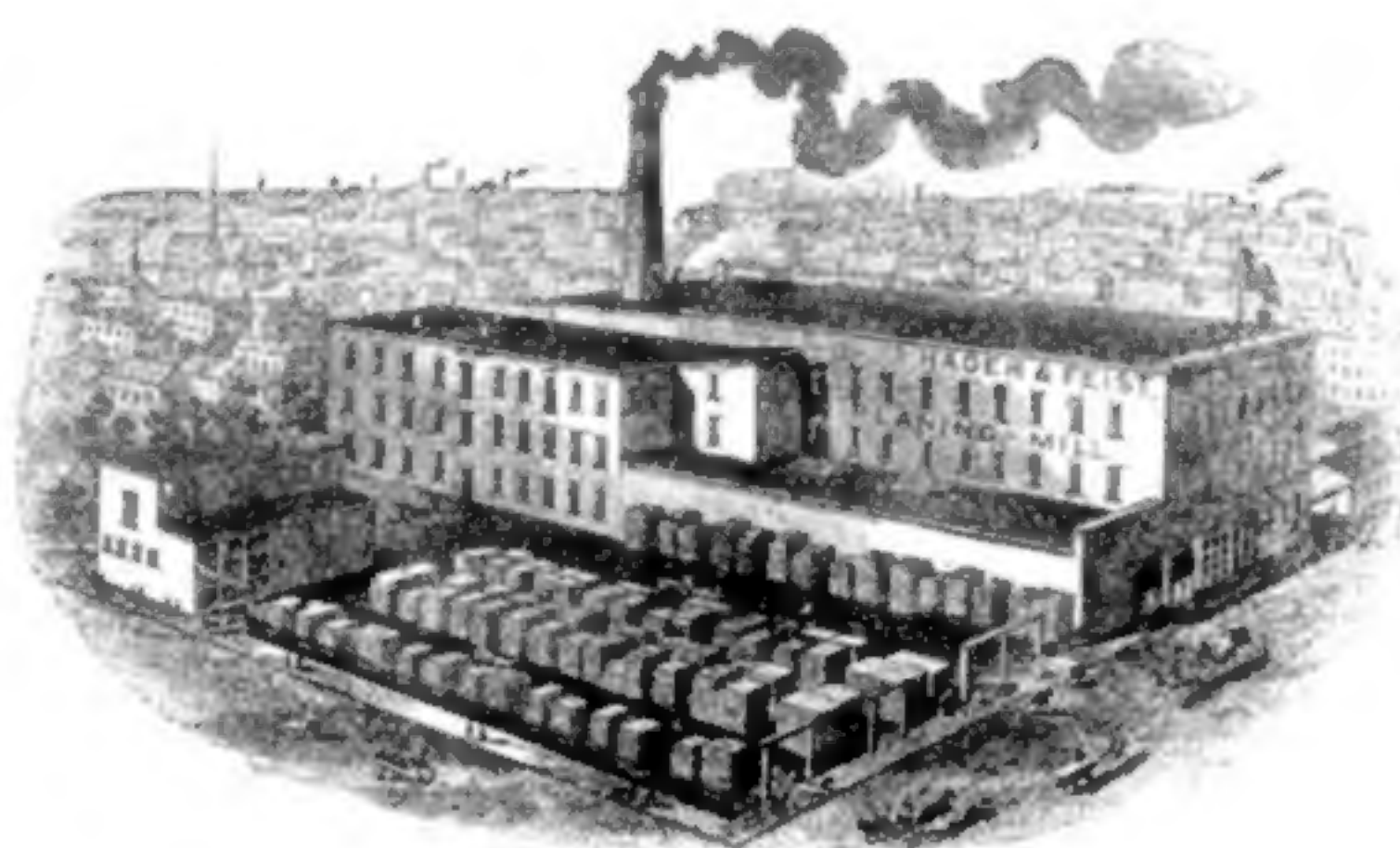
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S. S. JEWETT & CO.



GERHARD LANG'S PARK BREWERY.



HAGER & FRUST.



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THE THIRD NATIONAL BANK.



THE NIAGARA STARCH WORKS.



ROBINSON & DICK.



IRON-FRONT ERECTED BY GEO. W. TIFT & SONS



FORBUSH & BROWN.



THE AMERICAN GLUCOSE CO.



GIES & CO.

NEW YORK.—SOME OF THE PRINCIPAL ESTABLISHMENTS OF BUFFALO.

FROM SKETCHES BY OUR STAFF ARTISTS.—SEE PAGE 7.